



4  
Hand 1  
X

1

SEQUENCE LISTING

<110> OLSTEIN, ALAN D.  
FEIRTAG, JOELLEN

<120> BACTERIOCIN-METAL COMPLEXES IN THE DETECTION OF  
PATHOGENS AND OTHER BIOLOGICAL ANALYTES

<130> 7005-0003

<140> 10/082,618  
<141> 2002-02-22

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 52

<212> PRT

<213> Staphylococcus gallinarum

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Val Asn Ala Lys Glu Ser Asn Asp Ser Gly Ala Glu Pro Arg Ile Ala  
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Ser Tyr Cys Cys  
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<212> PRT

<213> Staphylococcus epidermidis

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Ser Gln Asn Thr Asp Glu Leu Glu Pro Gln Thr Ala Gly Pro Ala Ile  
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Arg Ala Ser Val Lys Gln Cys Gln Lys Thr Leu Lys Ala Thr Arg Leu  
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Phe Thr Val Ser Cys Lys Gly Lys Asn Gly Cys Lys  
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<210> 3

<211> 22

A<sup>1</sup> cont'd

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<212> PRT

<213> Streptococcus mutans

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Phe Asn Ser Tyr Cys Cys  
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<210> 4

<211> 56

<212> PRT

<213> Bacillus subtilis

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20                   25                   30

Pro Gly Cys Val Thr Gly Ala Leu Gln Thr Cys Phe Leu Gln Thr Leu  
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Thr Cys Asn Cys Lys Ile Ser Lys  
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<210> 5

<211> 57

<212> PRT

<213> Lactococcus lactis

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Asp Ser Gly Ala Ser Pro Arg Ile Thr Ser Thr Ser Leu Cys Thr Pro  
20                   25                   30

Gly Cys Lys Thr Gly Ala Leu Met Gly Cys Asn Met Lys Thr Ala Thr  
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Cys His Cys Ser Ile His Val Ser Lys  
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<210> 6

<211> 52

<212> PRT

<213> Staphylococcus epidermidis

<400> 6

Met Glu Ala Val Lys Glu Lys Asn Asp Leu Phe Asn Leu Asp Val Lys  
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A<sup>1</sup> cont'd

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Val Asn Ala Lys Glu Ser Asn Asp Ser Gly Ala Glu Pro Arg Ile Ala  
20 25 30

Ser Lys Phe Ile Cys Thr Pro Gly Cys Ala Lys Thr Gly Ser Phe Asn  
35 40 45

Ser Tyr Cys Cys  
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<210> 7

<211> 55

<212> PRT

<213> Staphylococcus epidermidis

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Gln Lys Ser Asp Leu Ser Pro Gln Ser Ala Ser Val Leu Lys Thr Ser  
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Ile Lys Val Ser Lys Lys Tyr Cys Lys Gly Val Thr Leu Thr Cys Gly  
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Cys Asn Ile Thr Gly Gly Lys  
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<212> DNA

<213> Streptococcus lactis

<400> 8

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aatatactca agtcattgag actgttaagta aaaataaaagt ttttttgaa cagttactac 720  
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